| Electronic Patent Application Fee Transmittal |    |   |          |        |                         |  |  |
|---|----|---|----------|--------|-------------------------|--|--|
| Application Number:                           | 10 | 10728295                                    |          |        |                         |  |  |
| Filing Date:                                  | 04 | 04-Dec-2003                                 |          |        |                         |  |  |
| Title of Invention:                           | м  | Methods for geomechanical fracture modeling |          |        |                         |  |  |
| First Named Inventor/Applicant Name:          | М  | Mohamed Y. Soliman                          |          |        |                         |  |  |
| Filer:  | В  | Bradley Scott Bowling                       |          |        |                         |  |  |
| Attorney Docket Number:                       | 20 | 2003-IP-011150U1                            |          |        |                         |  |  |
| Filed as Large Entity                         |    |   |          |        |                         |  |  |
| Utility Filing Fees                           |    |   |          |        |                         |  |  |
| Description                                   |    | Fee Code                                    | Quantity | Amount | Sub-Total in<br>USD(\$) |  |  |
| Basic Filing:                                 |    |   |          |        |                         |  |  |
| Pages:  |    |   |          |        |                         |  |  |
| Claims:                                       |    |   |          |        |                         |  |  |
| Miscellaneous-Filing:                         |    |   |          |        |                         |  |  |
| Petition:                                     |    |   |          |        |                         |  |  |
| Patent-Appeals-and-Interference:              |    |   |          |        |                         |  |  |
| Post-Allowance-and-Post-Issuance:             |    |   |          |        |                         |  |  |
| Extension-of-Time:                            |    |   |          |        |                         |  |  |
| Extension - 2 months with \$0 paid            |    | 1252  | 1        | 460    | 460                     |  |  |

| Description    | Fee Code          | Quantity | Amount | Sub-Total in<br>USD(\$) |
|----------------|-------------------|----------|--------|-------------------------|
| Miscellaneous: |                   |          |        |                         |
|                | Total in USD (\$) |          |        | 460                     |